



Linda S. Adams
Secretary for
Environmental Protection

Air Resources Board

Robert F. Sawyer, Ph.D., Chair
1001 I Street • P.O. Box 2815
Sacramento, California 95812 • www.arb.ca.gov



Arnold Schwarzenegger
Governor

REVISED AND UPDATED AGENDA

July 11, 2006

To: Public, Interested Community Members, Government Officials, and Industry Representatives

I would like to invite you to participate in the second public meeting to discuss potential future emission control measures to reduce railroad emissions. These semi-annual meetings are being convened by the California Air Resources Board (ARB), Union Pacific Railroad (UPRR), and BNSF Railway (BNSF) as part of the Statewide Rail Yard Agreement (Agreement). The meeting will be held at the following time and place:

PLACE: Cal/EPA Headquarters Building
Byron Sher Auditorium
1001 I Street – 2nd Floor
Sacramento, California 95814
DATE: Thursday - July 13, 2006
TIME: 9:30 am – 3:30 pm

Please contact ARB's Disability Coordinator at (916) 323-4916 by voice or through the California Relay Services at 711, to place your request for disability services. If you are a person with limited English and would like to request interpreter services, please contact ARB's Bilingual Manager at (916) 323-7053.

This public meeting will be webcast. You may access the webcast at ARB's homepage: http://www.arb.ca.gov/app/calendar/cal_wbcst.php. In addition, this public meeting will have teleconference capabilities. To participate by teleconference, dial (888) 469-3348 and give the participant code: 34688 and leader name: Harold Holmes. For international calls dial +1-210-234-0003: the participant code and leader name are listed above. We will also accept comments and questions sent via email to onair@arb.ca.gov.

More detailed information on these semi-annual public meetings can be found at ARB website: <http://www.arb.ca.gov/railyard/railyard.htm>.

Under the Agreement, ARB and railroads will hold these technical evaluation meetings at least every six months and will prepare a written progress report on these meetings annually. These meetings provide an opportunity for the public to help identify and

The energy challenge facing California is real. Every Californian needs to take immediate action to reduce energy consumption. For a list of simple ways you can reduce demand and cut your energy costs, see our website: <http://www.arb.ca.gov>.

California Environmental Protection Agency

Public, Interested Community Members, Government Officials, and Industry
Representatives
July 11, 2006
Page 2

discuss future railroad emission control measures that can be implemented in the near-term, mid-term, and long-term. These meetings also provide the opportunity for the public to hear about the latest information on railroad emission control technologies and to explore additional ways to reduce railroad emissions. We are encouraging the broadest possible range of public participation to provide the greatest opportunities for exchanging ideas on innovative technologies and strategies to reduce railroad emissions. Please see the attached agenda for this meeting.

Please note that time is allocated at this meeting to discuss topics for presentations at future meetings. Individuals are encouraged to submit suggestions for topics at future meetings. All suggestions of promising technologies submitted prior to the meeting will be presented as a list to the meeting participants and will be used to discuss and identify topics for future meetings. You can submit your suggestions prior to the meeting to:

California Air Resources Board
P.O. Box 2815 – 6th Floor
Sacramento, California 95812
Attn: Harold Holmes, Manager
Engineering Evaluation Section
email: hholmes@arb.ca.gov

This meeting will focus on discussions of European and United States experiences and discussions of current and planned locomotive emission control research and demonstration projects.

If you have questions about the upcoming public meeting, please feel free to contact Mr. Dean C. Simeroth, Chief, Criteria Pollutants Branch at (916) 322-6020.

Sincerely,

Robert D. Fletcher, Chief
Stationary Source Division

Attachment

cc: Dean C. Simeroth, Chief, Criteria Pollutants Branch
Harold Holmes, Manager, Engineering Evaluation Section

Public, Interested Community Members, Government Officials, and Industry
Representatives
July 11, 2006
Page 3

bcc: Jeff Castner, Agency
Rob Oglesby, CO
Bruce Oulrey, CO
Jerry Martin, CO
Catherine Witherspoon, EO
Tom Cackette, EO
Michael H. Scheible, EO
Lynn Terry, EO
Michael Carter, MSCD
Scott Rowland, MSCD
Bob Cross, MSCD[
Linda Murchison, PTSD
Michael Benjamin, PTSD
Bart Croes, RD
Sue Smalley, OIS
Fred Medina, OIS
Harlan Quan, OIS
Robert D. Barham, SSD
Tim X. Dunn, SSD

S:\SHARED\Eng. Evaluation Sec\Tim\Rail Symposium\7-13-06_Revised_Invite
Ltr and Agenda-071106.doc

“REVISED” AGENDA

STATEWIDE RAIL YARD AGREEMENT

Second Public Meeting to Discuss Future Locomotive Emission Control Measures

Cal/EPA Building - California Air Resources Board
Byron Sher Auditorium – 2nd Floor
1001 I Street, Sacramento, California 95814

Dial-In #: (888) 469-3348
Dial-In # for International Calls: +1-210-234-0003
Participant Code: 34688
Leader Name: Harold Holmes

Thursday - July 13, 2006 – 9:30 am – 3:30 pm

INTRODUCTIONS AND BACKGROUND 9:30 am – 10:00 am

Bob Fletcher	Chief, Stationary Source Division – California Air Resources Board
Don Kopinski	Senior Project Manager – U.S. EPA National Vehicle and Fuel Emissions Laboratory/OAR

FIRST PANEL SESSION: European Locomotive Experiences 10:00 am – 11:15 am

Dean Simeroth (Moderator)	Chief, Criteria Pollutants Branch – California Air Resources Board
Henry Hogo	Asst. Deputy Executive Officer – South Coast Air Quality Management District
Mike Iden	General Director – Car and Locomotive Technology – Union Pacific Railroad
Jennifer Anderson	Manager – Environmental Operations - BNSF Railway
Don Newbury	Research and Development Manager - Miratec Corp (Partner with HUG Eng.)
	Discussion and Break

SECOND PANEL SESSION: Locomotive Research and Demonstration Projects
11:15 am – 12:30 pm

Lanny Schmid (Moderator)	Director Environmental Field Operations (Union Pacific)
Tom Christofk	APCO – Placer County APCD – Roseville Locomotive Hood Project
Steve Fritz	Department of Emissions – Southwest Research Institute – Projects to Demonstrate Diesel Particulate Filter on Two Switch Locomotives
Mike Bogdanoff	Project Officer - South Coast Air Quality Management District – Projects to Demonstrate Diesel Particulate Filter on a Metrolink Passenger and a Pacific Harbor Lines Switch Locomotive
Chris Weaver	President - Engine, Fuel, and Emissions Engineering – Project to Demonstrate Selective Catalytic Reduction on a Metrolink Passenger Locomotive
Karen Dzienkowski	Manager, Emissions – Railpower – Electric Hybrid Switch Locomotives

Discussion and Lunch

THIRD PANEL SESSION: United States Locomotive Experiences 1:45 pm – 2:30 pm

Mark Stehly (Moderator)	Assistant Vice President, Technical Research, Environment and Development (BNSF Railway)
Dave Brann	Manager, Emissions – Electro-Motive Diesel, Inc. – Locomotive Emission Controls
Peter Lawson	Product Manager North America – General Electric – Locomotive Emission Controls

Discussion and Break

TOPICS FOR NEXT MEETING 2:30 pm – 2:45 pm

Discussion

NEXT STEPS AND CLOSING REMARKS 2:45 pm – 3:00 pm

Bob Fletcher	Chief, Stationary Source Division – California Air Resources Board
--------------	--